

Title (en)  
TRAIN-INFORMATION MANAGEMENT DEVICE AND METHOD FOR SELECTING CONTROL SOFTWARE THEREFOR

Title (de)  
ZUGINFORMATIONSVORRICHTUNG UND VERFAHREN ZUR AUSWAHL EINER STEUERSOFTWARE DAFÜR

Title (fr)  
DISPOSITIF DE GESTION D'INFORMATIONS DE TRAIN ET PROCÉDÉ POUR SÉLECTIONNER SON LOGICIEL DE COMMANDE

Publication  
**EP 2811696 A4 20150304 (EN)**

Application  
**EP 12867669 A 20120130**

Priority  
JP 2012052031 W 20120130

Abstract (en)  
[origin: EP2811696A1] Train information managing apparatuses each include a plurality of pieces of control software of versions different from each other. The train information managing apparatus mounted on a head car compares version information of software for devices collected concerning all devices in a formation and version correspondence information included in each of the plurality of pieces of control software, discriminates control software including version correspondence information consistent with the version information of the software for devices concerning all the devices in the formation, when the discriminated control software is different from already-started control software, selects and starts the discriminated control software, and transmits a switching command for switching from the already-started control software to the discriminated control software to a train information managing apparatus mounted on another car.

IPC 8 full level  
**H04L 12/44** (2006.01); **G06F 9/44** (2006.01); **G06F 9/445** (2006.01); **G07C 5/00** (2006.01); **H04L 12/24** (2006.01); **H04L 12/40** (2006.01); **H04L 12/46** (2006.01)

CPC (source: EP US)  
**G06F 8/71** (2013.01 - US); **G07C 5/008** (2013.01 - US); **H04L 12/40** (2013.01 - EP US); **H04L 12/6418** (2013.01 - EP US); **H04L 41/0853** (2013.01 - EP US); **G06F 8/65** (2013.01 - EP US); **H04L 41/082** (2013.01 - EP US); **H04L 2012/40293** (2013.01 - EP US)

Citation (search report)

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- [A] US 2004164206 A1 20040826 - JAMMU VINAY BHASKAR [US], et al
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2811696 A1 20141210; EP 2811696 A4 20150304**; CN 104081726 A 20141001; HK 1200997 A1 20150814; JP 5178962 B1 20130410; JP WO2013114543 A1 20150511; TW 201331075 A 20130801; TW I441481 B 20140611; US 2014336851 A1 20141113; WO 2013114543 A1 20130808

DOCDB simple family (application)  
**EP 12867669 A 20120130**; CN 201280068278 A 20120130; HK 15101488 A 20150210; JP 2012052031 W 20120130; JP 2012526771 A 20120130; TW 101112742 A 20120411; US 201214373832 A 20120130